

SHIGELLOSIS

I. IDENTIFICATION

- A. **CLINICAL DESCRIPTION:** An acute infection of variable severity characterized by diarrhea (may be bloody or contain mucous), fever, nausea, cramps, and tenesmus. Asymptomatic infections may occur.
- B. **REPORTING CRITERIA:** Laboratory confirmation.
- C. **LABORATORY CRITERIA FOR CONFIRMATION:**
- Isolation of *Shigella* sp. from a clinical specimen.
- D. **KENTUCKY CASE DEFINITION:** A laboratory confirmed case.

II. ACTIONS REQUIRED / PREVENTION MEASURES

- A. **KENTUCKY DISEASE SURVEILLANCE REQUIRES URGENT NOTIFICATION:** REPORT TO THE LOCAL OR STATE HEALTH DEPARTMENT **IMMEDIATELY** upon recognition of a case or suspected case in a time period not greater than 24 hours. If health department personnel cannot be contacted directly, notification shall be made by electronic submission or by telephone to the emergency number of the Division of Epidemiology and Health Planning: **1-888-973-7678**.
- B. **EPIDEMIOLOGY REPORTS REQUESTED:**
Kentucky Reportable Disease Form – EPID 200 (Jan/03)
- C. **PUBLIC HEALTH INTERVENTIONS:**
- Educate public about proper hand washing after toileting or handling contaminated clothing or linens, before cooking, or associating with high -risk individuals.
 - Assess patient's activities for high -risk settings.
 - Exclude infected individuals from high-risk settings (including food handling, patient care and day care work) until they are asymptomatic **AND** two consecutive negative stool cultures (collected at least 24 hours apart and obtained at least 48 hours after discontinuance of antimicrobial therapy) are obtained.
 - Educate and advise high-risk patients and food handlers on enteric precautions.
 - Source investigation by LHD.
 - Determine if case is potentially outbreak -related and notify the Communicable Disease Branch, 502-564-3261, Surveillance and Health Data Branch, 502-564-3418 or Division of Epidemiology and Health Planning, 502-564-3261 or **1-888-973-7678**.

III. CONTACTS FOR CONSULTATION

- A. KENTUCKY DEPARTMENT FOR PUBLIC HEALTH, COMMUNICABLE DISEASE
BRANCH: 502-564-3261.
- B. KENTUCKY DEPARTMENT FOR PUBLIC HEALTH, SURVEILLANCE AND
HEALTH DATA BRANCH: 502-564-3418.
- C. KENTUCKY DEPARTMENT FOR PUBLIC HEALTH, DIVISION OF EPIDEMIOLOGY
AND HEALTH PLANNING: 502-564-7243 OR 1-888-973-7678.

IV. RELATED REFERENCES

1. Chin, James, ed. SHIGELLOSIS. In: Control of Communicable Diseases Manual. 17th
ed. Washington, DC: American Public Health Association, 2000: 451-455.
2. Pickering, LK, ed. Shigella Infections. In: 2000 Red Book: Report of the Committee on
Infectious Diseases. 25th ed. Elk Grove Village, IL: American Academy of Pediatrics
2000: 510-512.